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CONSOLIDATED TRANSLATION SURVEY

Number 113

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**CENTRAL INTELLIGENCE AGENCY
Washington, D. C. 20505**

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CONSOLIDATED TRANSLATION SURVEY

FOR MAY 1967

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CONSOLIDATED TRANSLATION SURVEY

PREFACE

This survey is prepared monthly from lists received through the cooperation of US government agencies and includes universities, research institutions, and commercial translation organizations. It is a compilation of projects completed or started during the preceding month.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date of publication, and publication identification of the completed project are given when available. Tables of contents of journals translated cover-to-cover are reproduced from the current publications.

Projects in process, i.e., not completed as of the date of this survey, are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title. Certain details may be unavailable on such projects. New projects in process are not listed again until they are completed.

An index to authors of items in this issue is provided at the end of the survey.

Scientific and technical translations are grouped according to the COSATI subject category list except for military science and ordnance items which are listed under "military" in the appropriate geographic areas.

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ACIC - Aeronautical Chart and Information Center
(see CFSTI)

ACSI - (see DIA)

AEC - Atomic Energy Commission - (see CFSTI)

AECL

Atomic Energy of Canada, Ltd.
Chalk River
Ontario, Canada

AERE Harwell Lib

Atomic Energy Research Establishment,
Hanwell, Berkshire
England

AF

Department of Air Force
Assistant Chief of Staff, Intelligence
ATTN: AFCIN-3D
Washington 25, D. C.

AFCRL Res Lib

Air Force Cambridge Research Laboratories
Research Library
Office of Aerospace Research
United States Air Force
Laurence G. Hanscom Field
Bedford, Massachusetts
ATTN: CRDXLR

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington, D. C. 20005

AIP

American Institute of Physics
335 East 45th Street
New York, New York 10017

AMS - Army Map Service - (see ACSI)

ANL - Argonne National Laboratory, Illinois
(see AEC)

APL - Applied Physics Laboratory - (see Navy)

ATS

Associated Technical Services, Incorporated
P.O. Box 271
East Orange, New Jersey 07017

AWRE - (see AEC)

BISI

British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4 Grosvenor Gardens
London, S.W. 1, England

CB

Consultants Bureau Enterprises, Incorporated
227 West 17th Street
New York, New York 10011

CFSTI

Clearinghouse for Federal Scientific and
Technical Information (Formerly Office of
Technical Services)
Port Royal and Braddock Roads
Springfield, Virginia 22151

CTS

Chemical Translation Service
Trans-Chem, Incorporated,
Box 6179
Knoxville, Tennessee 37914

Dept of Interior

Department of Interior
Department Library
Foreign Documentation Section
Washington, D. C. 20240

DIA

Defense Intelligence Agency
Washington, D. C. 20301

FP

The Faraday Press, Incorporated
84 Fifth Avenue
New York, New York 10011

FTD - Foreign Technology Division (see AF)

Geochem Soc

Prof. E. Wm. Heinrich
Mineralogical Laboratory
University of Michigan
Ann Arbor, Michigan

Houldsworth School of Applied Sciences

Houldsworth School of Applied Sciences
Leeds University,
Leeds 2, England

IEEE

Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

ISA

Instrument of Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

JHU/APL - The Johns Hopkins University/Applied Physics
Laboratory (see Navy)

JPRS

U. S. Department of Commerce
Clearinghouse for Federal Scientific
and Technical Information
Joint Publications Research Service
Building Tempo E,
East Adams Drive, 4th and 6th Streets, SW
Washington, D.C. 20445

Maritime Admin

**Maritime Administration
Office Services
GAO, 5th and G Streets, NW
Washington, D. C.**

NASA

**National Aeronautics and Space Administration
1512 H Street, NW
Washington, D. C. 20546**

Navy

**Department of Navy
Office of Naval Intelligence
Washington 25, D. C.**

NLL

**National Lending Library
For Science & Technology
Boston Spa, Yorkshire, England**

NMS - Navy Medical School (see Navy)

NRL - Naval Research Laboratories (see Navy)

NSJ - (see AEC)

**NSRDC - Naval Ship Research and Development Center
(see Navy)**

ONI - Office of Naval Intelligence (see Navy)

ORNL - Oak Ridge National Laboratory (see AEC)

OTS - (see CFSTI)

Patent Office

**Department of Commerce, Patent Office
Scientific Library
14th and Constitution Avenue, NW
Washington, D. C.**

PG

**Petroleum Geology
Box 171
McLean, Virginia**

Plenum Press

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227 West 17th Street
New York, New York 10011**

Primary Sources

**Primary Sources
11 Bleecker Street
New York, New York 10012**

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**Rand Corporation
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RAPRA

**Rubber and Plastics Research Association of
Great Britain
Shawbur,
Shrewsbury, England**

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101 West 31st Street
New York 1, New York**

RTS - (see OTS)

SLA

**SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616**

SLAC - Stanford Linear Accelerator Center - (see AEC)

Smithsonian Inst

**Smithsonian Institution
Astrophysical Observatory
Cambridge, Massachusetts 02138**

TC

**Trans-Chem
Chemical Translation Service
1216 Oakdale, S. E.
Knoxville, Tennessee 37914**

UCRL

**University of California
Lawrence Radiation Laboratory
Livermore, California
(See AEC)**

UKAEA

**Capenhurst Works
Chester, England
(Loans)**

Windscale

**Librarian, Windscale Works
Sellafield, Seascale
Cumberland, England**

USSR

USSR
Economic (Contd)

Economic

Modern Equipment, Scientific Organisation of Labor, and Labor Discipline, by N. Filimonov, 9 pp.
RUSSIAN, per, Agitator, No 1, Jan 1967, pp. 19-23.
JPRS 40560

Concerning the Economic Evaluation of Planning Decisions of Dwelling Houses, by G. Fedorov and N. Lazareva, 10 pp.
RUSSIAN, per, Arkhitektura SSSR, No. 1, Jan 1967, pp 27-30.
JPRS 40637

Need for Improvement of Accounting and the Calculation of Output cost, by N. Ivanov, 10 pp.
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JPRS 40473

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The Trade Union's Task in Preparing for the 50th Anniversary of the Great October Socialist Revolution, 6 pp.
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JPRS 40519

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JPRS 40288

Intensification of Production Cited As the Key to High Efficiency, by V. Vavilov and B. Zolotov, 16 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No. 7, Feb 1967, pp. 23-26.
JPRS 40288

Cost Accounting and Material Incentive in Instrument Making, by K. Rudnev, 9 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No 8, Feb 1967, pp. 4-5.
JPRS 40564

Refinements Suggested for System of Forming Material Incentive Funds, by N. Yur'yev and L. Zotova, 5 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No 8, Feb 1967, p. 5.
JPRS 40559

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RUSSIAN, per, Ekonomicheskaya Gazeta, No. 8, Feb 1967, pp. 9 & 10.
JPRS 40242

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Construction of Industrial Enterprises in Groups, by G. Karavayev, 11 pp.
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JPRS 40562

The Economics of Scientific Research, by V. Sosinskiy, 11 pp.
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JPRS 40507

Expanded Profit and Loss Accounting Urged at Rostov Chemical Plant, by V. Berezin, 3 pp.
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JPRS 40638

Model Regulations on the Economic-Planning Division of the Industrial Enterprise, 7 pp.
RUSSIAN, per, Ekonomicheskaya Gazeta, No 10, Mar 1967, p. 14.
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1967, pp. 16-17.
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JPRS 40636

Capital Construction in a New Stage, 7 pp.
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Mar 1967, pp. 29-30.
JPRS 40637

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Yu. I. Chernyak, 18 pp.
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Metody, No. 1, Jan-Feb 1967, pp. 47-60.
JPRS 40412

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1, Jan 1967, pp. 56-65.
JPRS 40415

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10 pp.
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12, 1966, pp. 17-23.
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Distribution of Industrial Production, by I.
Staroveyko, 13 pp.
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USSR
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New Methods of Economic Work in Construction,
by P. Gorbushin, 12 pp.
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67, pp. 3-10.
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8-16.
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63-68.
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Bun'kov, 5 pp.
RUSSIAN, np, Izvestiya, No. 14, 15 Jan 1967,
p. 2.
JPRS 40242

The Gor'ki reservoir, by G. P. Kozhevnikov,
RUSSIAN, per, Izvestiya Gosudarstvennogo Nauchno-
issledovatel'skogo Instituta Ozernogo i
Technologicheskogo Khozyaistva, Vol 50, 1961, pp 51-61
ML RTB 3021
(ON LOAN OR PURCHASE)

Urbanization in Socialist Countries of
Foreign Europe (Development of Productive
Forces in the Economic Regions of the USSR,
by Y. L. Pivovarov, V. V. Vladimirov,
et al. 33 pp.
RUSSIAN, per, Iz Ak Nauk SSSR Geographical
Ser No 6, 1966, pp 18-29; 57-67.
DIA LN 97-67

Conference on Readying Enterprises for the
Changeover to the New System of Planning and
Economic Incentives, 18 pp.
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Martynov, 11 pp.
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Snabzheniye, No 1, 1967, pp. 1-9.
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A. Kondrashov and L. Chernyavskiy, 15 pp.
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JPRS 40606

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Kiperman, A. Klimskiy and N. Lagutin, 12 pp.
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Feb 1967, pp. 72-79.
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Floating Device for Gathering and Transporting
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pp 23-26.
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. Fish and Wildlife Service
Bureau of Commercial Fisheries

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M. B. Taybushnik, O. P. Shakhov,
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pp 40-43.
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Fish and Wildlife Service
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pp 46-48.
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Fish and Wildlife Service
Bureau of Commercial Fisheries

Something New in the System of Incentives,
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Device for Holding Quarter Rope During Trawl
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pp 55.
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*Dept of Interior
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Cost Accounting and Net Cost on Vessels of the
Fishing Industry, by Yu. L. Korotkov,
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pp 78-80.
*Dept of Interior
Fish and Wildlife Service
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Organization of Cost Accounting in Fishery
Enterprises, by V. A. Teplitskiy,
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pp 80-83.
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Bases fro Increased Profits of Fishery Kolkhozes
in the Azov and Black Sea Areas, by
G. Cherniavskiy,
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pp 83-87.
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New Achievements of the Sakhalin Kolkhoz Fish-
ermen, by A. Taranov,
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Improving Labor Protection and Safety Techniques,
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Acclimatization of Tilapia in Cooling Pools
of Steam Power Plants, by N. P. Krayev,
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Flashing Signal Lights for Different Types of
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pp 39-41.
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Electrotensiometric Method of Studying Traction
in the Operating Mechanism of Net-Hauling
Machines, by S. I. Poluliak,
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Applying Piece-rate Bonus System of Payment
for Work on Refrigerated Fish Carrier Bases,
by V. Burmeister,
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Preparation of Cadres for the Fishing Industry
of Japan, by E. A. Khvan,
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pp 76.
*Dept of Interior
Fish and Wildlife Service
Bureau of Commercial Fisheries

New Principles of Planning and Prices for
Fishery Production, by P. Nesmashnyi,
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pp 77-78.
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Fish and Wildlife Service
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Let Us Improve the Organization of Work of the
Seaport Fleet, by V. Plastinin,
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pp 78-80.
*Dept of Interior
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of Advanced Experience, by B. Remennikov,
RUSSIAN, per, Rybnoe Khoz., No 3, 1966,
pp 81.
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Certain Indices of Economic Efficiency of
BMFT Trawlers in the Northern Basin, by
B. N. Akimov,
RUSSIAN, per, Rybnoe Khoz., No 3, 1966,
pp 82-83.
*Dept of Interior
Fish and Wildlife Service
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Norwegian Scientific Research Institutes
which Service her Fishing Industry, by
V. P. Rykov,
RUSSIAN, per, Rybnoe Khoz., No 3, 1966,
pp 84-86.
*Dept of Interior
Fish and Wildlife Service
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USSR
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The Concept of Ecosystems and International Maritime Law, by A. A. Volkov,
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pp 87-89.
*Dept of Interior
Fish and Wildlife Service
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Administrative Structure in the Soviet Fishing Industry,
RUSSIAN, per, Rybnoe Khoz., No 3, 1966,
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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	\cosh^{-1}
Arcth	\coth^{-1} (ctnh^{-1})
Arsh	\sinh^{-1}
Arth	\tanh^{-1}
arccos	\cos^{-1} (arc cos)
arcctg	\cot^{-1} (arc cot)
arcsin	\sin^{-1} (arc sin)
arctg	\tan^{-1} (arc tan)
ch	\cosh
cosec	\sec
ctg	\cot (ctn)
cth	\coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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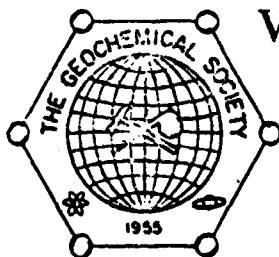
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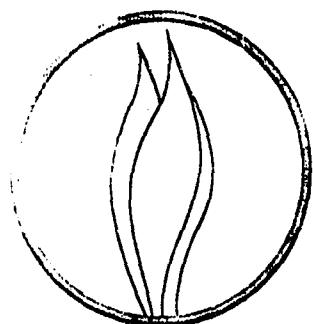
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- USSR -

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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	\cosh^{-1}
Arcth	\coth^{-1} (tanh^{-1})
Arsh	\sinh^{-1}
Arth	\tanh^{-1}
arcos	\cos^{-1} ($\operatorname{arc} \cos$)
arcotg	\cot^{-1} ($\operatorname{arc} \cot$)
arcsin	\sin^{-1} ($\operatorname{arc} \sin$)
arctg	\tan^{-1} ($\operatorname{arc} \tan$)
ch	cosh
cooses	csc
ctg	cot (ctg)
cth	\coth (tanh^{-1})
rot	curl
sch	sech
sh	\sinh
tg	\tan
th	tanh

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RUSSIAN ABBREVIATIONS IN TEXT

AN (SSR).....	Academy of Sciences, USSR.
CC CPSU.....	Central Committee, Communist Party, Soviet Union.
Min svetmet.....	State Institute of Non-Ferrous Metals.
Giprochim.....	State Institute for the Design and Planning of Establishments in the Basic Chemical Industry.
Giprosvetmet.....	State Institute for the Design and Planning of Non-Ferrous Metals Industry Establishments.
Giredmet.....	State Rare Metals Scientific Research Institute.
Gosplan.....	State Planning Committee of the Council of Ministers of the USSR.
GOST.....	All-Union Standard.
IL.....	Foreign Literature Publishing House.
Kaz SSR.....	Kazakh SSR.
LMI.....	Leningrad Mining Institute.
Lesnogiz.....	State Scientific and Technical Publishing House of Literature on Machinery
Metallurgizdat.....	State Scientific and Technical Publishing House of Literature on Ferrous and Non-Ferrous Metallurgy.
NII.....	Scientific Research Institute
NIIUF.....	Scientific Research Institute of Fertilizers and Insectifuges (im. Ya. V. Samoylov).
ORGChIM.....	State Trust for Promoting Efficiency in the Chemical Industry.
Sovnarkhoz.....	Council of the National Economy.
TsNIIChernot.....	Central Scientific Research Institute of Ferrous Metallurgy.
Uzb SSR.....	Uzbek SSR.
VAMI.....	All-Union Aluminum and Magnesium Institute.

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USPEKHI FIZICHESKIKH NAUK
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No 4, April 1967

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Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in black ink that appears to read "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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ENCLOSURE I**Processing of OGA-Held CIA Documents**

**The following CIA documents located at DTIC were reviewed
by CIA and declassification guidance has been provided.**

OGA Doc ID	Job Num	Box	Par	Doc	Doc ID	Decom Date	Decision	Pub #	Page	Proc Date
AD0482732	78-03109A	56	1	5	100	Consolidated Translation Survey For April 1966	4/1/1966	203	Approved For Release	3/25/2004
AD0485874	78-03109A	56	1	6	101	Consolidated Translation Survey For May 1966	5/1/1966	250	Approved For Release	3/25/2004
AD0486759	78-03109A	56	1	7	102	Consolidated Translation Survey For June 1966	6/1/1966	265	Approved For Release	3/25/2004
AD0488131	78-03109A	56	1	8	103	Consolidated Translation Survey For July 1966	7/1/1966	178	Approved For Release	3/25/2004
AD0800235	78-03109A	57	1	1	104	Consolidated Translation Survey For August 1966	8/1/1966	264	Approved For Release	3/25/2004
AD0801439	78-03109A	57	1	2	105	Consolidated Translation Survey For September 1966	9/1/1966	211	Approved For Release	3/25/2004
AD0803607	78-03109A	57	1	3	106	Consolidated Translation Survey For October 1966	10/1/1966	247	Approved For Release	3/25/2004
AD0804982	78-03109A	57	1	4	107	Consolidated Translation Survey For November 1966	11/1/1966	203	Approved For Release	3/25/2004
AD0806465	78-03109A	57	1	5	108	Consolidated Translation Survey For December 1966	12/1/1966	234	Approved For Release	3/25/2004
AD0808740	78-03109A	57	1	6	109	Consolidated Translation Survey For January 1967	1/1/1967	277	Approved For Release	3/25/2004
AD0811456	78-03109A	57	1	7	110	Consolidated Translation Survey For February 1967	2/1/1967	234	Approved For Release	3/25/2004
AD0813563	78-03109A	57	1	8	111	Consolidated Translation Survey For March 1967	3/1/1967	342	Approved For Release	3/25/2004
AD0814969	78-03109A	57	1	9	112	Consolidated Translation Survey For April 1967	4/1/1967	268	Approved For Release	3/25/2004
AD0816126	78-03109A	58	1	1	113	Consolidated Translation Survey Through 31 May 1967	5/31/1967	210	Approved For Release	3/25/2004
AD0818406	78-03109A	58	1	2	114	Consolidated Translation Survey Through 30 June 1967	6/30/1967	271	Approved For Release	3/25/2004
AD0834366	78-03109A	58	1	3	115	Consolidated Translation Survey Through 31 July 1967	7/31/1967	318	Approved For Release	3/25/2004
AD0820905	78-03109A	58	1	4	116	Consolidated Translation Survey Through 31 August 1967	8/31/1967	308	Approved For Release	3/25/2004
AD0822924	78-03109A	58	1	5	117	Consolidated Translation Survey Through 30 September 1967	9/30/1967	330	Approved For Release	3/25/2004
										3/25/2004
AD0824515	78-03109A	58	1	6	118	Consolidated Translation Survey Through 31 October 1967	10/31/1967	200	Approved For Release	3/25/2004
AD0824581	78-03109A	58	1	7	119	Consolidated Translation Survey Through 30 November 1967	11/30/1967	194	Approved For Release	3/25/2004
AD0832430	78-03109A	58	1	8	120	Consolidated Translation Survey Through 31 December 1967	12/31/1967	100	Approved For Release	3/25/2004
AD0828154	78-03109A	58	1	9	121	Consolidated Translation Survey Through 31 January 1968	1/31/1968	221	Approved For Release	3/25/2004
AD0829939	78-03109A	59	1	1	122	Consolidated Translation Survey Through 29 February 1968	2/29/1968	246	Approved For Release	3/25/2004